Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

NTP Study Number: 961201

Study Result: Negative

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	103 ± 1.7	98 ± 12.7	107 ± 3.3	111 ± 14.2	95 ± 6.5
33.0	85 ± 5.9	98 ± 2.9	96 ± 4.4	114 ± 3.7	89 ± 2.3
100.0	95 ± 6.4	88 ± 3.5	91 ± 2.4	114 ± 6.9	98 ± 3.1
333.0	89 ± 1.9	80 ± 6.3	94 ± 5.2	112 ± 7.4	91 ± 3.1
1000.0	87 ± 3.3	97 ± 5.0	95 ± 14.0	109 ± 0.6	90 ± 3.1
2000.0	89 ± 8.4	75 ± 5.5[s]	112 ± 2.7[s]	129 ± 2.6[s]	100 ± 1.8[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1816 ± 29.7
Positive Control[3]			2008 ± 73.2		
Positive Control[4]				626 ± 58.7	
Positive Control[5]	1088 ± 43.2	825 ± 2.5			

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	105 ± 0.6
33.0	98 ± 6.6
100.0	103 ± 3.7
333.0	90 ± 4.3
1000.0	88 ± 2.0
2000.0	116 ± 4.4[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	637 ± 24.2
Positive Control[5]	

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	25 ± 0.7	28 ± 2.0	12 ± 0.6	13 ± 2.0	11 ± 2.0
33.0	21 ± 1.2	22 ± 1.8	12 ± 1.7	13 ± 2.3	13 ± 1.3
100.0	24 ± 3.8	25 ± 4.3	12 ± 2.6	16 ± 0.7	7 ± 0.9
333.0	18 ± 1.5	24 ± 2.6	11 ± 1.2	16 ± 2.4	12 ± 1.2
1000.0	23 ± 3.7	23 ± 2.3	9 ± 1.5	14 ± 0.3	10 ± 0.7
2000.0	11 ± 0.9[s]	9 ± 0.9[s]	16 ± 3.0[s]	10 ± 2.5[s]	21 ± 2.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					88 ± 5.9
Positive Control[3]			89 ± 2.7		
Positive Control[4]				127 ± 4.7	
Positive Control[5]	906 ± 18.5	757 ± 26.6			

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	11 ± 1.3
33.0	11 ± 0.9
100.0	15 ± 0.9
333.0	8 ± 0.9
1000.0	10 ± 0.9[s]
2000.0	14 ± 2.2[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	87 ± 3.5
Positive Control[5]	

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	96 ± 1.7	93 ± 5.6	123 ± 1.0	183 ± 9.5	119 ± 7.2
33.0	86 ± 4.6	104 ± 8.2	122 ± 8.1	196 ± 7.0	114 ± 8.1
100.0	86 ± 7.1	99 ± 8.5	131 ± 1.9	200 ± 4.8	124 ± 4.8
333.0	97 ± 3.8	111 ± 7.5	123 ± 3.8	192 ± 5.1	119 ± 1.5
1000.0	80 ± 8.0	90 ± 4.9	116 ± 13.9	194 ± 7.3	101 ± 8.4
2000.0	59 ± 5.3[s]	67 ± 1.9[s]	112 ± 6.0[s]	163 ± 7.5[s]	97 ± 3.5[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					724 ± 45.7
Positive Control[3]			776 ± 30.2		
Positive Control[4]				461 ± 14.7	
Positive Control[6]	653 ± 36.9	1220 ± 270.3			

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	161 ± 10.8
33.0	156 ± 6.6
100.0	146 ± 9.8
333.0	156 ± 3.2
1000.0	149 ± 8.7
2000.0	154 ± 11.0[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	598 ± 6.4
Positive Control[6]	

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	18 ± 2.6	14 ± 1.8	32 ± 2.8	29 ± 8.4	27 ± 2.4
33.0	15 ± 0.9	18 ± 1.5	32 ± 1.2	29 ± 3.1	30 ± 3.8
100.0	17 ± 3.0	18 ± 2.8	30 ± 2.0	33 ± 1.0	31 ± 1.8
333.0	13 ± 0.9	18 ± 0.9	29 ± 1.9	36 ± 1.3	21 ± 1.7
1000.0	15 ± 0.6	18 ± 0.6	29 ± 5.4	28 ± 2.3	25 ± 1.0
2000.0	20 ± 0.6	17 ± 4.3[s]	31 ± 1.9	26 ± 2.7[s]	25 ± 5.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1555 ± 20.8
Positive Control[3]			1694 ± 40.6		
Positive Control[4]				442 ± 25.2	
Positive Control[7]	1719 ± 18.3	2200 ± 13.7			

Experiment Number: **961201**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Mono-sec-butanolamine**

CAS Number: **13552-21-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **21:31:49**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	32 ± 3.0
33.0	30 ± 2.5
100.0	38 ± 1.5
333.0	36 ± 1.2
1000.0	32 ± 1.5
2000.0	38 ± 1.5[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	867 ± 17.5
Positive Control[7]	

LEGEND

Values given as Mean or Mean ± Standard Error Mean
The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations
CAS Number = Chemical Abstracts Service registry number
1: Vehicle Control: Water
2: 0.75 ug/Plate 2-Aminoanthracene
3: 1.5 ug/Plate 2-Aminoanthracene
4: 2.0 ug/Plate 2-Aminoanthracene
5: 2.5 ug/Plate Sodium Azide
6: 4.0 ug/Plate 9-Aminoacridine
7: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **